

9-27-01

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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. L1063/20005  
First Inventor Stuart F. Metcalfe  
Title LIGHT SOURCE FOR OPEN-PATH GAS  
Express Mail Label No. EL 781 457 530 US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 45]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
5. ☒ Oath or Declaration [Total Pages 1]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s)) ✓
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No. \_\_\_\_\_

Prior application information:

Examiner \_\_\_\_\_

Group Art Unit. \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

03000  
(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

Name Caesar, Rivise, Bernstein, Cohen & Pokotilow, Ltd.  
Seven Penn Center, 12th Floor  
Address 1635 Market Street  
City Philadelphia State PA Zip Code 19103  
Country United States Telephone 215-567-2010 Fax 751-1142

Name (Print/Type) Scott M. Slomowitz Registration No. (Attorney/Agent) 39,032  
Signature *Scott M. Slomowitz* Date 09/26/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.



PTO  
09/964242



09/964242



PTO/SB/17 (11-00)  
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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 848.00

## Complete if Known

Application Number	
Filing Date	September 26, 2001
First Named Inventor	Stuart F. Metcalfe
Examiner Name	
Group Art Unit	
Attorney Docket No.	LI063/20005

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 03-0075  
Deposit Account Name Caesar, Rivise, et al.

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☒ Applicant claims small entity status See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	710	201 355	Utility filing fee	355
106	320	206 160	Design filing fee	
107	490	207 245	Plant filing fee	
108	710	208 355	Reissue filing fee	
114	150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$ 355

### 2. EXTRA CLAIM FEES

Total Claims 57 -20\*\* = 37 X Fee from below 9 = 333  
Independent Claims 7 -3\*\* = 4 X 40 = 160  
Multiple Dependent ☐ = ☐

	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103	18 203 9		Claims in excess of 20
102	80 202 40		Independent claims in excess of 3
104	270 204 135		Multiple dependent claim, if not paid
109	80 209 40		** Reissue independent claims over original patent
110	18 210 9		** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 493

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130 205 65		Surcharge - late filing fee or oath	
127	50 227 25		Surcharge - late provisional filing fee or cover sheet	
139	130 139 130		Non-English specification	
147	2,520 147 2,520		For filing a request for ex parte reexamination	
112	920* 112 920*		Requesting publication of SIR prior to Examiner action	
113	1,840* 113 1,840*		Requesting publication of SIR after Examiner action	
115	110 215 55		Extension for reply within first month	
116	390 216 195		Extension for reply within second month	
117	890 217 445		Extension for reply within third month	
118	1,390 218 695		Extension for reply within fourth month	
128	1,890 228 945		Extension for reply within fifth month	
119	310 219 155		Notice of Appeal	
120	310 220 155		Filing a brief in support of an appeal	
121	270 221 135		Request for oral hearing	
138	1,510 138 1,510		Petition to institute a public use proceeding	
140	110 240 55		Petition to revive - unavoidable	
141	1,240 241 620		Petition to revive - unintentional	
142	1,240 242 620		Utility issue fee (or reissue)	
143	440 243 220		Design issue fee	
144	600 244 300		Plant issue fee	
122	130 122 130		Petitions to the Commissioner	
123	50 123 50		Processing fee under 37 CFR 1.17(q)	
126	180 126 180		Submission of Information Disclosure Stmt	
581	40 581 40		Recording each patent assignment per property (times number of properties)	
146	710 246 355		Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710 249 355		For each additional invention to be examined (37 CFR § 1.129(b))	
179	710 279 355		Request for Continued Examination (RCE)	
169	900 169 900		Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$

## SUBMITTED BY

Name (Print/Type)	Scott M. Slomowitz	Registration No. (Attorney/Agent)	39,032	Telephone	215-567-2010
Signature	<i>Scott M. Slomowitz</i>	Date	09/26/01		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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Applicants : Stuart F. Metcalfe and Derek D. Stuart

For : LIGHT SOURCE FOR OPEN-PATH GAS MONITORING

This is a patent application of the above-identified invention, which includes the following:

1. Utility Transmittal Sheet
2. Fee Transmittal Sheet (in duplicate)
3. Specification - 45 pages
4. 57 Claims - 14 Pages
5. Abstract - 1 Page
6. Drawings - 6 Sheets
7. Declaration for Patent Application
8. Assignment of Invention
9. Recordation Sheet for Assignment
10. Return Receipt Post Card

"Express Mail" Mailing Label No. EL 781 457 530 US  
Date of Deposit September 26, 2001

I hereby certify that the above-identified documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, BOX PATENT APPLICATIONS, Washington, D.C. 20231

Robert Fidler

